

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1-58. (Cancelled).

59. (New) A core for use in a motor, said motor including N and S magnetic poles for generating a magnetic field to which said core is opposed, said core comprising:

tips of salient poles of said core, said tips being shaped non-concentric-circular, and

a plurality of slots formed in said core, said plurality of slots each have an electrical angle which is one of:

a) between 80 degrees and 95 degrees; and

b) between 20 degrees and 35 degrees,

a number of said magnetic poles is $2m$ and a number of said slots is $3n$ (m and n are integers).

60. (New) A motor including:

(a) magnetic field generating means having N and S magnetic poles for generating a magnetic field; and

(b) a core made of magnetic material and opposed to said magnetic field generating means;

wherein one of said magnetic field generating means and said core rotates with respect to the other,

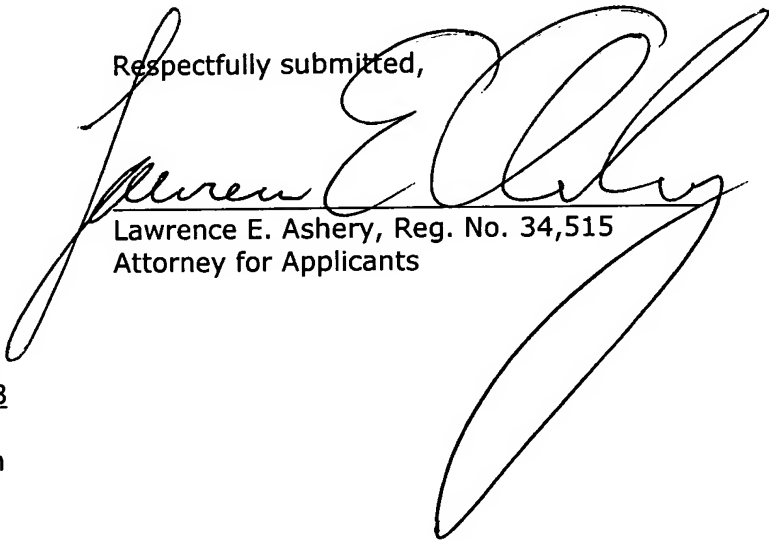
wherein a number of said magnetic poles is $2m$ and a number of slots of said core is $3n$ (m and n are integers), said core comprising:

tips of salient poles of said core, said tips being shaped non-concentric-circular,
and

a plurality of slots formed in said core, said plurality of slots each have an
electrical angle which is one of:

- a) between 80 degrees and 95 degrees; and
- b) between 20 degrees and 35 degrees.

Respectfully submitted,


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